

FIG. 1

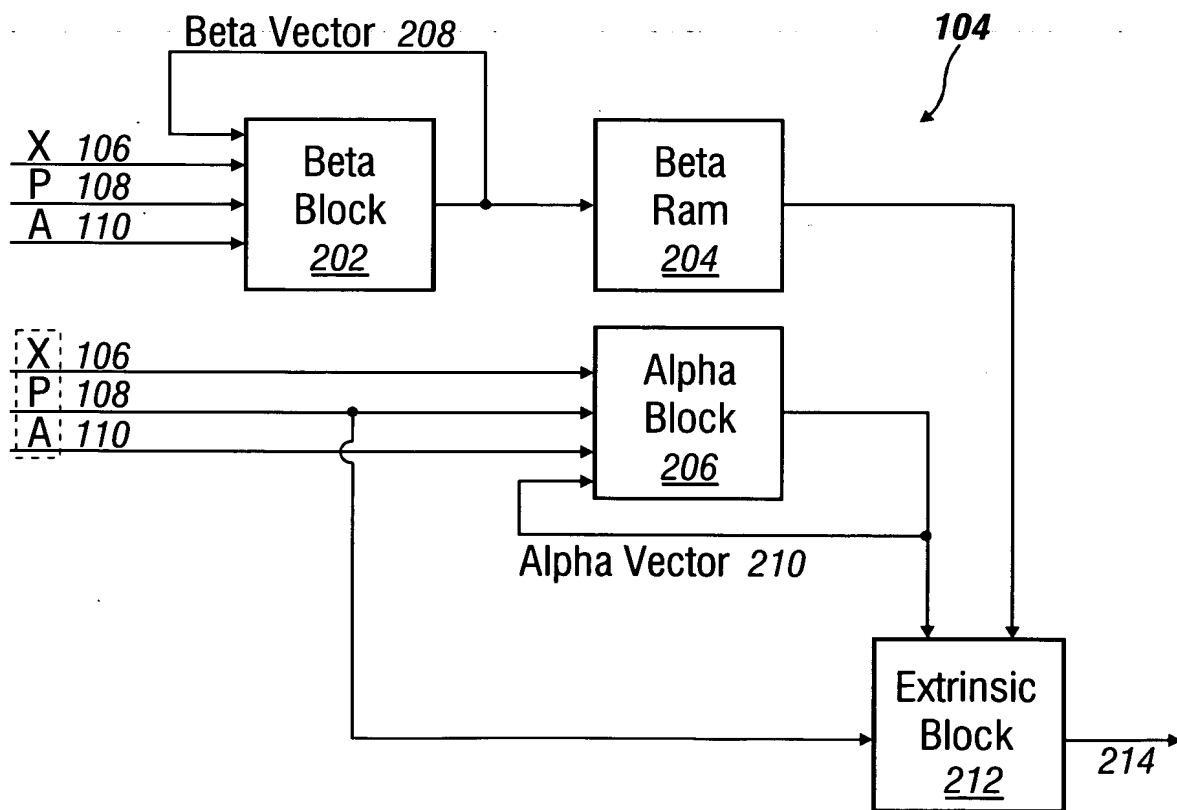


FIG. 2

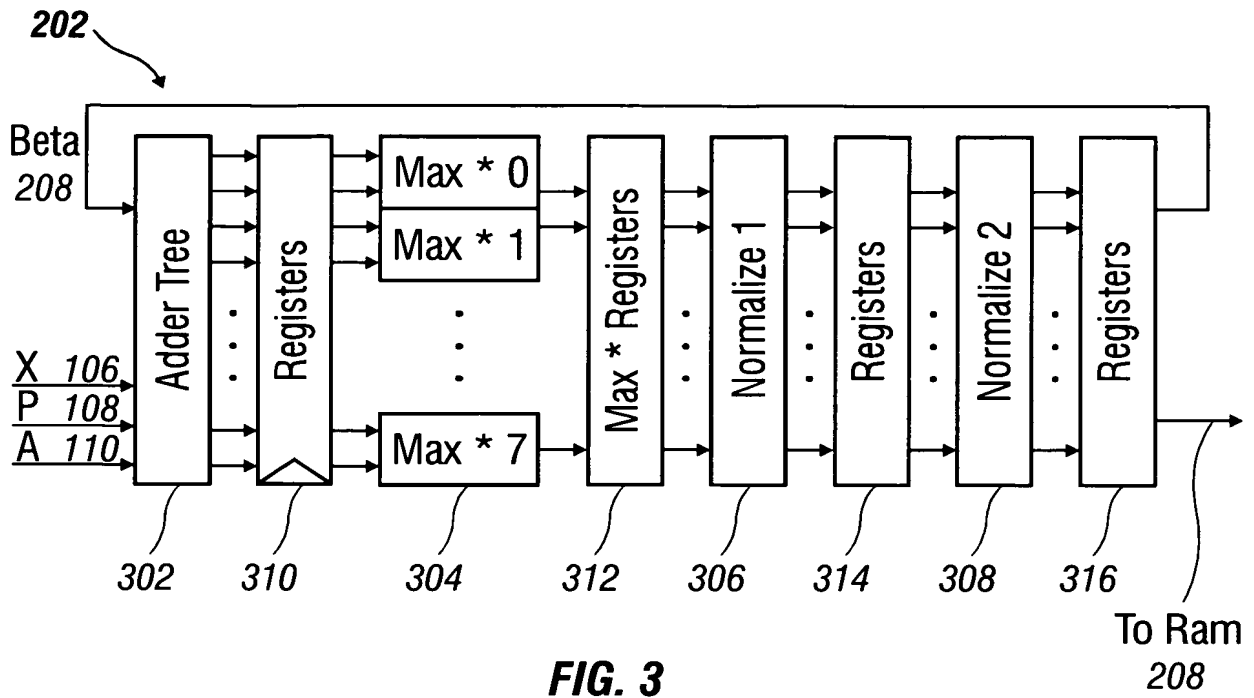


FIG. 3

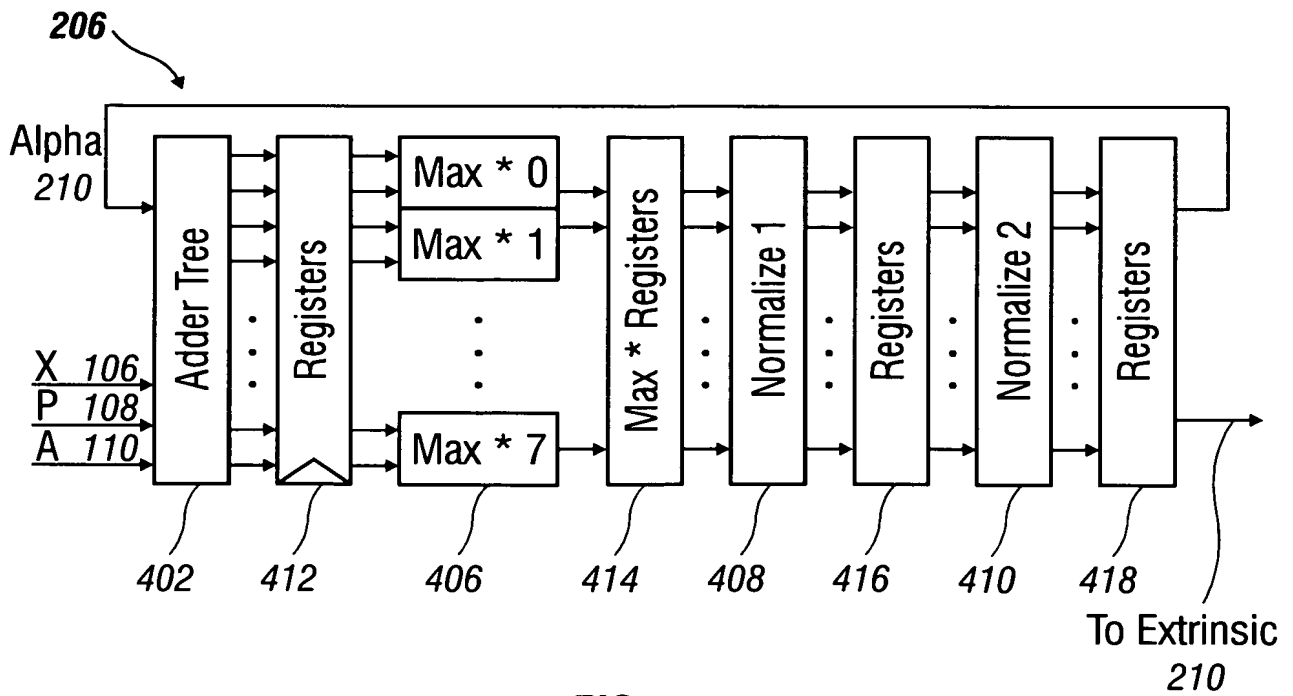


FIG. 4

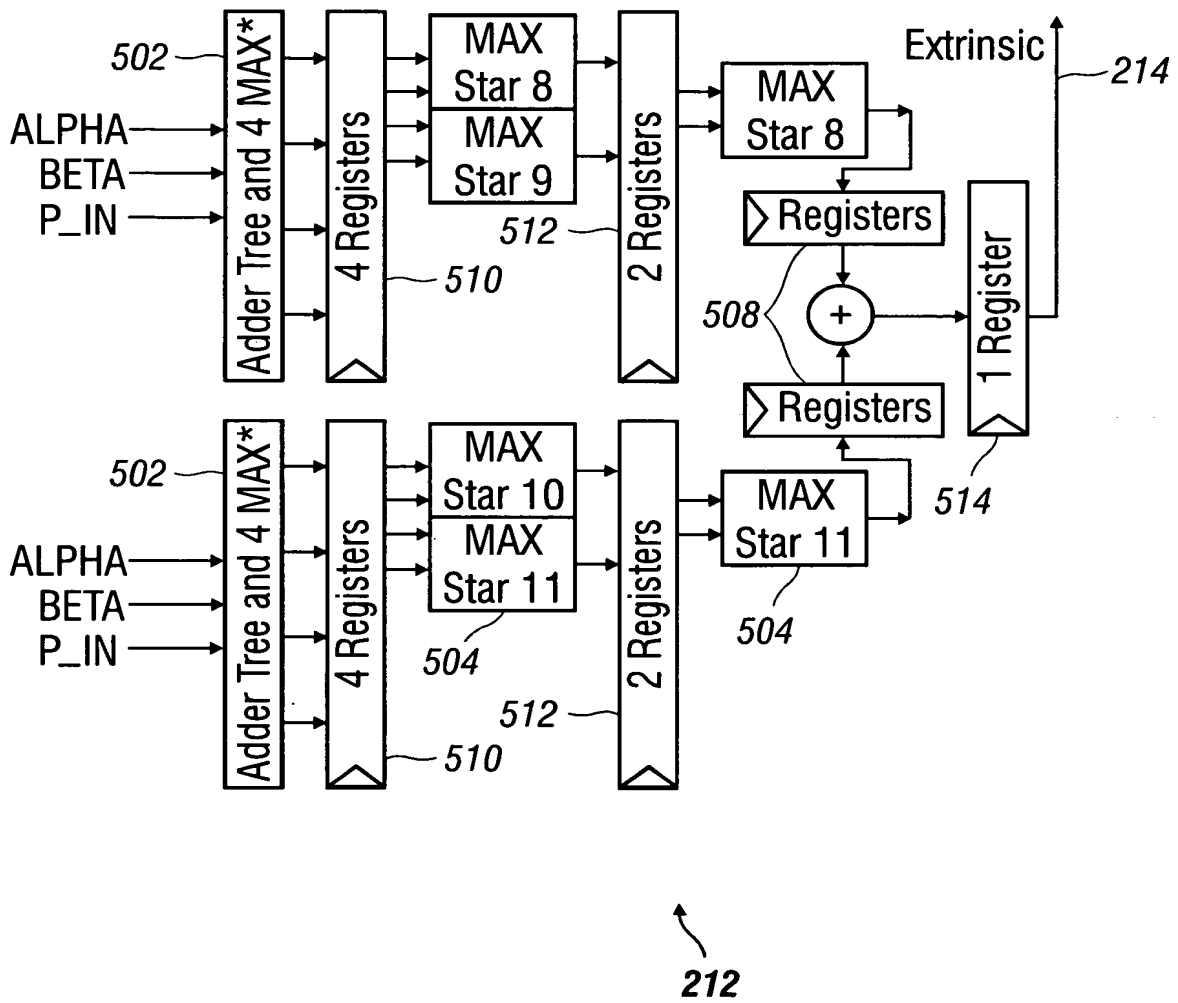


FIG. 5

CLOCK CYCLE					TIME
1	2	3	4	5	
$\beta_{0,ADD}$	$\beta_{0,M^*}$	$\beta_{0,N1}$	$\beta_{0,N2}$		
	$\beta_{1,ADD}$	$\beta_{1,M^*}$	$\beta_{1,N1}$	$\beta_{1,N2}$	
		$\beta_{2,ADD}$	$\beta_{2,MAX^*}$	$\beta_{2,N1}$	$\beta_{2,N2}$
			$\beta_{3,ADD}$	$\beta_{3,MAX^*}$	$\beta_{3,N1}$
				$\vdots$	$\vdots$

FIG. 6

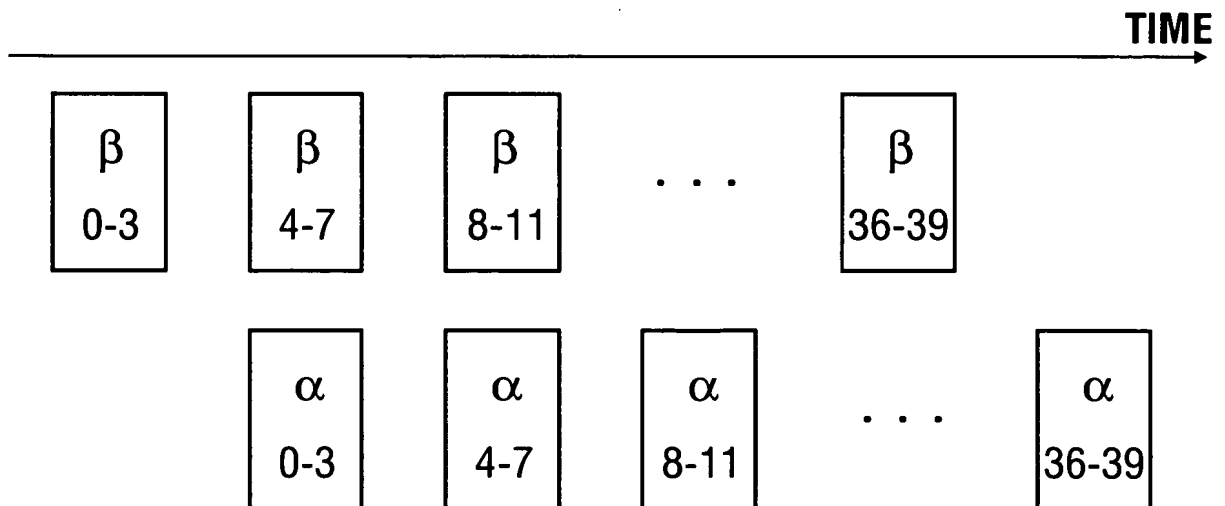


FIG. 7

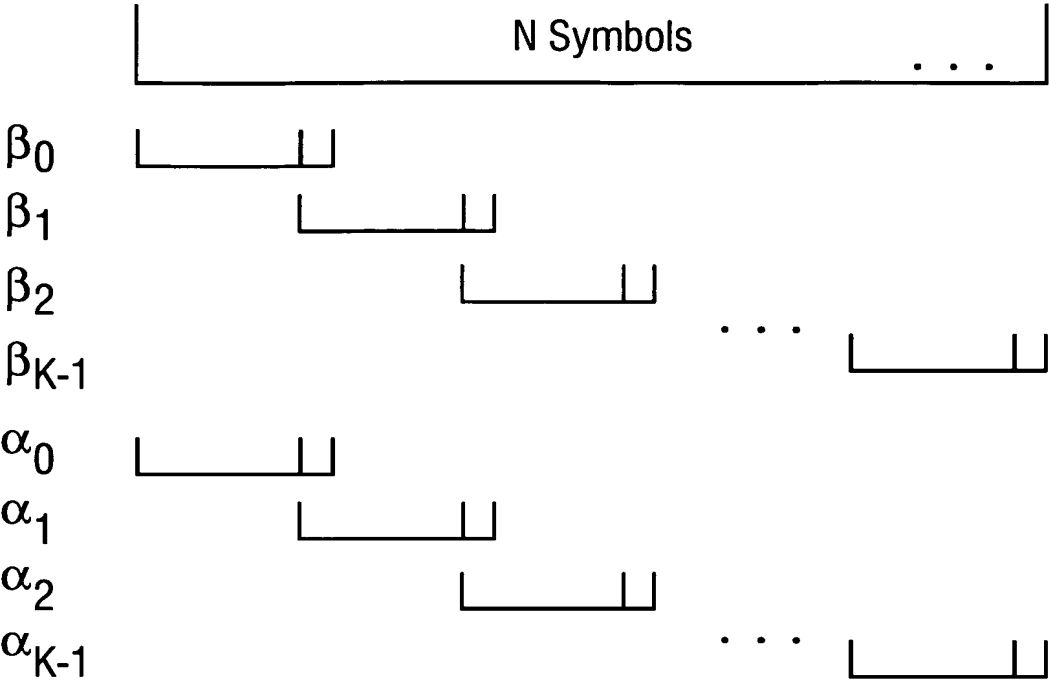


FIG. 8

	<u>Start</u> <u>Prolog</u>	<u>End</u> <u>Prolog</u>	<u>Start</u> <u>Reliability</u>	<u>End</u> <u>Reliability</u>
$\beta_0$	123	100	99	0
$\beta_1$	223	200	199	100
$\beta_2$	323	300	299	200
$\beta_3$	423	400	399	300
$\alpha_0$	N/A	N/A	0	99
$\alpha_1$	76	99	100	199
$\alpha_2$	176	199	200	299
$\alpha_3$	276	299	300	399

FIG. 9